Index of Claims

Α	p	p	li	C	a	ti	0	n	1	C	0	n	tr	0	l	N	0	٠.

10/635,366

Examiner

Date

Cris L. Rodriguez

Applicant(s)/Patent under Reexamination

VITULLO ET AL.

Art Unit

3763

√	Rejected
=	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

A	Appeal
0	Objected

Claim Date Tell Special Sp																_
1 √ 51 52 53 3 4 4 55 55 56 7 56 56 7 57 8 56 57 8 58 59 59 50 60 60 61 61 61 61 61 61 61 62 63 63 64 64 65 66 67 70 70 71 72 73 72 73 74 74 72 73 <td>Cla</td> <td>aim</td> <td><u> </u></td> <td></td> <td></td> <td></td> <td>Date</td> <td>=</td> <td>_</td> <td></td> <td></td> <td></td> <td>Cla</td> <td></td> <td></td> <td></td>	Cla	aim	<u> </u>				Date	=	_				Cla			
2 3 52 3 4 54 5 5 55 6 6 55 6 7 57 8 9 59 10 60 60 11 61 61 12 62 63 13 64 64 15 65 66 16 66 67 18 68 69 20 70 70 21 71 72 23 74 74 25 75 75 26 76 77 28 78 79 30 31 81 32 33 83 34 34 84 35 36 86 37 37 37 38 88 88 39 40 90 41 91 92 43 94 94	Final	Original	11/4/05										Final	Original		
3 4 53 54 5 5 56 55 6 6 57 58 59 10 60 61 61 62 63 11 61 62 63 64 64 65 66 65 66 67 68 69 69 69 70 71 72 73 74 72 73 74 74 74 75 75 76 77 77 78 80 33 34 34 34 34 34 35 36 33 33 33 34 34 35 36 36 36 36 36 37 37 38 38 39 3			V									1		51		
4 5 5 5 6 5 7 5 8 5 9 6 10 6 11 6 12 6 13 6 14 6 15 6 16 6 17 68 19 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>52</td><td></td><td></td></td<>														52		
5 6 55 56 7 7 55 56 8 8 59 59 10 60 61 62 13 63 63 64 15 65 65 66 16 66 67 68 19 69 70 71 21 71 72 73 24 7 74 75 26 77 78 78 29 79 30 80 31 31 81 81 32 33 83 84 35 36 86 86 37 38 88 89 40 90 90 90 41 91 92 92 43 94 94 94 45 96 96 97 48 99 99 99			Ц											53	Ш	_
6 7 1 56 57 8 9 58 59 10 60 60 61 11 62 63 64 15 63 64 65 16 66 67 68 19 67 68 69 20 70 71 72 21 71 72 73 24 7 74 74 25 76 77 78 28 76 77 78 29 79 30 80 31 81 81 81 32 73 82 82 33 84 84 83 34 84 84 86 37 87 87 87 38 86 86 99 40 90 90 90 41 91 92 92 43 94 94 94 4			Ц	_		<u> </u>	<u> </u>							54		_
7 1 57 8 9 58 10 60 111 61 12 62 13 63 14 64 15 65 16 66 17 67 18 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 4			Ц	lacksquare		L_	<u> </u>				_					_
8 58 9 60 11 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 82 33 83 34 84 35 85 36 87 38 88 39 90 41 91 42 92 43 94 44 95 46 96 97 97 48 99 49 99		_	Ц	<u> </u>	<u> </u>	<u> </u>		<u> </u>								_
9 10 10 11 11 11 11 11 1			Н	ᆫ	<u> </u>	<u> </u>		_	_	_	Ш			57	\vdash	_
10 60 11 61 12 63 13 64 15 65 16 66 17 66 18 68 19 69 20 70 21 71 22 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 83 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99			Ц	_	_	<u> </u>	_	_		L				58	\vdash	_
11 61 12 62 13 63 14 64 15 65 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 76 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99 49 99 <td></td> <td></td> <td>Н</td> <td><u> </u></td> <td>_</td> <td><u> </u></td> <td><u> </u></td> <td><u> </u></td> <td></td> <td>_</td> <td>\vdash</td> <td></td> <td></td> <td>59</td> <td>\vdash</td> <td>_</td>			Н	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>		_	\vdash			59	\vdash	_
12		10	\vdash	\vdash	_	<u> </u>		⊢		_	<u> </u>			60	\vdash	-
14 64 15 65 16 66 17 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 46 96 47 97 48 98 49 99			\sqcup	\vdash	┡	-		-	_		_			63	\vdash	_
14 64 15 65 16 66 17 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 46 96 47 97 48 98 49 99		12	H	 	-	-	<u> </u>			-	\vdash			62	\vdash	_
15 65 16 66 17 66 18 68 19 68 20 70 21 71 22 72 23 73 24 74 25 76 27 77 28 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 45 96 47 97 48 99		13	H	\vdash	-	-		\vdash			\vdash			64	\vdash	-
16 17 18 66 67 18 19 68 69 70 20 70 71 72 73 74 72 73 74 75 75 76 77 78 79 78 79 78 79 30 80 81 81 82 83 83 83 84 84 85 36 86 37 87 88 86 37 87 88 89 89 89 89 89 89 90 90 91 91 92 93 94 44 94 94 45 95 96 97 98 99			H	\vdash	\vdash	-	-	<u> </u>			\vdash			65	\vdash	_
17 18 67 18 68 69 20 70 71 21 72 73 24 74 74 25 75 76 27 77 78 29 78 79 30 80 81 32 83 83 33 83 84 35 85 86 37 88 86 37 88 89 40 90 90 41 91 91 42 92 93 43 94 94 45 96 96 47 97 98 49 99 99	-	16	╫	┢	-				-	_	\vdash			66	\vdash	_
18 19 68 19 70 20 70 21 72 23 73 24 74 25 76 27 77 28 79 30 80 31 81 32 83 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99			Н	┢				_	-					67	\Box	_
19			H	-			_	-	\vdash					68	\Box	
20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 80 30 81 32 82 33 84 35 85 36 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99			Н	1	-			_	Н					69		_
21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 96 47 97 48 98 49 99	_		Н	H						_				70	П	_
22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 95 46 96 47 97 48 98 49 99		21	H	T				_						71		_
23 73 24 √ 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49		22	\sqcap	T	_											_
24 √ 74 25 75 26 76 27 77 28 78 29 79 30 80 31 82 33 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99 99			П	Г										73	П	_
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99 99		24	1	Г				Γ		Г						
27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99 99		25												75		
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99																_
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 45 95 46 96 47 98 49 99		27													Ш	
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99 49 99		28			\Box									78		_
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97 48 99 49 99						_			L	L						_
32 82 33 83 34 84 35 85 36 86 37 88 39 88 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99					_		$oxed{oxed}$	L.	_	_					Ш	_
33 83 34 84 35 85 36 86 37 88 38 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99		31	_				_	L	_					81	Ш	_
34 84 35 85 36 86 37 88 38 87 38 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		32	_	<u> </u>	L.	_	_	<u> </u>	_	<u> </u>					\vdash	_
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	_	ļ.,	_		L		<u> </u>	<u> </u>				\vdash	_
36 86 37 88 38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			_	_	<u> </u>	_	├	 		-	-	ľ		84	$\vdash\vdash$	_
37 87 38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	-		\vdash	-	 	 	⊢	-	-	-	_	l			$\vdash\vdash$	_
38 88 39 90 40 91 41 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	-	36	⊢	⊢	-	⊢	<u> </u>	├	⊢	 	\vdash	l		00	\vdash	_
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	-		⊢	⊢	-	⊢	├	⊢	-	⊢	-	l			\vdash	_
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			\vdash		├	-	├	-	-	┝	-				\vdash	_
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		40	\vdash	┢	⊢	├	⊢	-	⊢	-	\vdash			an	\vdash	_
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	-			┢	H	-	\vdash	\vdash	\vdash	-	\vdash			91	\vdash	_
43 93 44 94 45 95 46 96 47 97 48 98 49 99		42	H	╁╌	┢		1	-	-	┢	-	l				_
44 94 45 95 46 96 47 97 48 98 49 99	-	43	 		Т	Т		<u> </u>	Т	\vdash	\vdash	1		93	\sqcap	_
45 95 96 96 47 97 98 98 99 99			t^-	一	一			\vdash	Т	\vdash	T	1			\vdash	_
46 96 97 97 48 98 99 99			T	T	Π	T	Г				\Box	1		95	\Box	_
47 97 98 98 99 99					İΤ		Г	T	T	Г	Π	1			П	_
48 98 99 99				Π	Π]		97		L
49 99		48						L						98		Ī
50 100		49							Ш					99		Ĺ
		50								\Box	匚]		100		Ĺ

	-		-		_			_	_		
	Final	Original									
		51 52	_								
-		52			\vdash	_	_		_	\neg	
-		53			$\overline{}$	_			_		
- 1		54									
Ì		55									
		53 54 55 56			-	\vdash		_	$\overline{}$		
		57		_	\vdash			_	\vdash		_
		58						_			
		58 59			_			_			
		60			<u> </u>				\vdash		
	-	60 61 62 63			\vdash	$\overline{}$			\vdash	П	
		62			┢	\vdash					
		63		_	┪	\vdash					
		64			\vdash	\vdash		_	$\overline{}$		
		64 65			_	1					_
		66			Н						
		66 67			_						
		68			_						
		69						_			
		68 69 70			-						
ı		71	_								
į		72									
		73									
		74									
		75			Π						
		71 72 73 74 75 76			Г	Γ					
		77 78									
		78									
		79									
		80 81									
		81									
		82			L					$oxed{oxed}$	_
		83			L	<u></u>	L	<u> </u>	_	L	_
		84			<u> </u>	L		_	_		
		85			<u></u>	_	L_	$ldsymbol{ld}}}}}}$	<u> </u>	_	_
		86	$oxed{oxed}$	L	L	_	<u> </u>	L	<u> </u>	<u> </u>	
		87			_	_	ldash	_	<u> </u>	<u> </u>	_
		88	_		<u> </u>	<u> </u>	<u> </u>	ļ	<u> </u>	_	<u> </u>
	<u> </u>	89	_	_	╙	<u> </u>	ļ	L			_
		90	_	_	-	├-	_	\vdash	 	L	<u> </u>
		91 92	_	<u> </u>	<u> </u>	<u> </u>	_	_	┡	<u> </u>	_
1	<u> </u>		<u> </u>	<u> </u>	-	 	_	┝	┝	⊢	
		93	<u> </u>	<u> </u>	<u> </u>	H	-	_	-	 —	_
		94	-	\vdash	├	\vdash	-	-	⊢	\vdash	\vdash
		95 96	\vdash	\vdash	-	\vdash	-	-	\vdash	 	-
	\vdash	97	├	\vdash	⊢	\vdash	\vdash	\vdash	-	-	\vdash
		98	├-	\vdash	⊢	 	\vdash	-	\vdash	\vdash	\vdash
		99	├	\vdash		\vdash	╁	\vdash	\vdash	\vdash	\vdash
	 	100	\vdash	-	\vdash	\vdash	\vdash		-	\vdash	-
				1							1

Cla	Date										
Final	Original										
ᇤ)rig										
	101										
	101 102										
	103 104 105 106			Ш							
	104										
	105										
	106	L		L			\Box				
	107	_									
	108	L.									
	109					_					
	110	_		L			L				
	111	<u> </u>		$oxed{oxed}$		<u> </u>	_				
	112	<u> </u>	<u> </u>	$oxed{oxed}$		L	L.,	Ш			
	113					ļ	L_	L_			
	114	_		L		<u> </u>	L_	<u> </u>			
	115	<u> </u>	<u> </u>	<u> </u>		<u> </u>	_	Ш	L.,		
	116		Ш	L			_				
	107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133	<u> </u>		\vdash		$oxed{oxed}$	\vdash	Ш			
	118										
	119						_	L			
	120					_					
	121		L			\Box	_	_			
	122	_	_		_	_	<u> </u>	_			
	123		L_			_	_	_	_	\blacksquare	
	124	_	lacksquare		_	ļ	L				
	125			lacksquare		<u> </u>	<u> </u>	<u> </u>			
	126	_	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	\vdash		
	127	L	_		_	<u> </u>	<u> </u>	┡	_		
	128	_	<u> </u>	L	_	<u> </u>	┡	\vdash	<u> </u>	Ш	
	129	匚		_	L	ļ	<u> </u>			\dashv	
	130	<u> </u>		_	_	┡	_	<u> </u>	_	\blacksquare	
	131		_	\vdash	_	⊢	<u> </u>	<u> </u>		Щ	
	132	<u> </u>	<u> </u>	_	_	L	_			\vdash	
ļ	133	_	_	_	<u> </u>		_	_	_	-	
<u> </u>	134	<u> </u>	<u> </u>	-	<u> </u>	⊢	_	_		Н	
	135	<u> </u>	_	-	<u> </u>	⊬	├	-		Н	
├	134 135 136 137	├-	<u> </u>	H	⊢	⊢	⊢		_	\vdash	
 -	137	-	_	H	┝	-	-	_	-	Н	
<u> </u>	138 139 140	-	_	├	-	-	-	-	_	Н	
-	140	⊢	-	┢	⊢	┢	┢	-	\vdash	Н	
<u> </u>	141	\vdash	\vdash	\vdash	-	\vdash	├-	├	\vdash	$\vdash\dashv$	
 	142		\vdash	 	\vdash	\vdash	\vdash	\vdash	\vdash	Н	
\vdash	143	\vdash	\vdash	\vdash	⊢	\vdash	\vdash	┢	<u> </u>	\vdash	
 	144	\vdash	\vdash	\vdash	\vdash	-	\vdash	\vdash	\vdash	$\vdash\vdash$	
	145	\vdash	\vdash	\vdash	\vdash	\vdash	 	\vdash	-	dash	
<u> </u>	146		\vdash	\vdash			-	├	\vdash	Н	
	147	\vdash	\vdash	\vdash	-	-	├-	\vdash	\vdash	$\vdash\vdash\vdash$	
\vdash	148	-	├-	├-	\vdash	\vdash	\vdash	\vdash	\vdash	$\vdash\vdash\dashv$	
	149	-	\vdash	\vdash	⊢	-	-	\vdash	-	$\vdash \vdash$	
<u> </u>	150	\vdash	-	\vdash	┝	 -	-	\vdash	\vdash	$\vdash \vdash$	
	1100	<u></u>			Щ	Ц.,		Щ	<u></u>	ш	